Form PTO-1449	Docket Number 377882002021	Application Number 10/623,371
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(Use several sheets if necessary)	Filing Date July 18, 2003	Group Art Unit 1645

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## **U.S. PATENT DOCUMENTS**

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
NMM	1.	07/03/1984	4,458,066	Caruthers et al.	1		
ļ	2.	05/06/1986	4,587,329	Tomalia et al.			
	3.	03/17/1987	4,650,675	Borel et al.			, ""
	4.	07/18/1989	4,849,513	Smith et al.			
	5.	03/20/1990	4,910,300	Urdea et al.			
	6.	08/14/1990	4,948,882	Ruth			
	7.	05/14/1991	5,015,733	Smith et al.			
	8.	03/03/1992	5,093,232	Urdea et al.			
	9.	06/02/1992	5,118,800	Smith et al.			
	10.	06/02/1992	5,118,802	Smith et al.			
	11.	06/23/1992	5,124,246	Urdea et al.			
	12.	11/10/1992	5,162,515	Conrad et al.			
	13.	12/15/1992	5,171,264	Merrill			
	14.	08/16/1994	5,338,532	Tomalia et al.			
	15.	02/21/1995	5,391,723	Priest			
	16.	09/26/1995	5,453,496	Caruthers et al.			
	17.	10/24/1995	5,460,831	Kossovsky et al.			
	18.	01/16/1996	5,484,596	Hanna, Jr. et al.			
	19.	09/03/1996	5,552,391	Coutts et al.			
	20.	05/06/1997	5,627,025	Steinman et al.			
	21.	09/02/1997	5,663,153	Hutcherson et al.			
	22.	10/07/1997	5,674,683	Kool			
	23.	10/21/1997	5,679,555	Goodchild et al.			
1	24.	03/03/1998	5,723,335	Hutcherson et al.			
V	25.	08/18/1998	5,795,582	Wright	V	V	

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EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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PTO/SB/ 08 (2-92)

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Form P	Form PTO-1449			_ '	Docket Number 377882002021		App	Application Number 10/623,371	
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NMM	26.	12/15/1998	5,849,719	Car	son et al.				
	27.	06/15/1999	5,912,332	Agr	rawal et al.				
	28.	09/07/1999	5,948,648	Kha	an et al.				
	29.	02/29/2000	6,031,091	Am	old, Jr. et al.		$T_{\underline{}}$		
	30.	07/18/2000	6,090,791	Sato	o et al.		<b>T</b>		
	31.	09/12/2000	6,117,657	Usn	nan et al.			·	
	32.	09/26/2000	60/235,452	Agr	rawal	T		<u> </u>	
	33.	09/26/2000	60/235,453	Agr	awal .				
	34.	10/03/2000	6,127,173	Eck	stein et al.		1_	<u> </u>	
	35.	11/15/2000	09/712,898	Kan	ndimalla et al.		1		
	36.	12/05/2000	6,156,501	McC	Gall et al.				
	37.	12/12/2000	6,160,103	Mar	rchand et al.		1		
	38.	01/16/2001	6,174,872	Carson et al.					
	39.	01/23/2001	6,177,414	Ton	nalia et al.				
	40.	02/06/2001	6,183,959	Tho	ompson		T	<u> </u>	
	41.	02/27/2001	6,194,388	Krie	eg et al.				
	42.	03/27/2001	6,207,646	Krie	eg et al.				
	43.	04/10/2001	6,214,806	Krie	eg et al.		1		
	44.	04/17/2001	6,218,371	Krie	eg et al.		1		
	45.	05/29/2001	6,239,116	Krie	eg et al.		1_		
	46.	01/15/2002	6,339,068	Krie	eg et al.				
	47.	06/18/2002	6,406,705	<del>-</del>	ris et al.				
	48.	07/30/2002	6,426,334	Agr	awal et al.				
	49.	07/30/2002	6,426,336	Cars	son et al.				
	50.	08/06/2002	6,429,199	Krie	g et al.				
	51.	09/19/2002	2002/0132995	Agra	awal et al.				
	52.	09/26/2002	2002/0137714	Kan	dimalla et al.				
Ψ_	53.	11/05/2002	6,476,000	Agra	awal	<u> </u>		/	
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	Ref. No.	Date	Document N	0.	Country	Class	Subclass	Trans YES	slation NO
NMM	55.	04/26/1989	EP 0 313 219		EPO				
	56.	01/29/1992	EP 0 468 520		EPO				
	57.	03/23/1989	WO 89/02439		WIPO				
	58.	07/25/1991	WO 91/10426	•	WIPO				
	59.	02/04/1993	WO 93/02093		WIPO				
	60.	03/16/1995	WO 95/07073		WIPO				
	61.	12/19/1996	WO 96/40197		WIPO				
	62.	02/01/1996	WO 96/02555		WIPO				
	63.	08/07/1997	WO 97/28259		WIPO				
	64.	12/11/1997	WO 97/46251		WIPO				
	65.	04/23/1998	WO 98/16247		WIPO				_
	66.	05/07/1998	WO 98/18810		WIPO				
	67.	09/03/1998	WO 98/37919		WIPO				
	68.	09/17/1998	WO 98/40100	,	WIPO				
	69.	11/26/1998	WO 98/52581		WIPO				
	70.	11/26/1998	WO 98/52962		WIPO				
	71.	12/10/1998	WO 98/55495	-	WIPO				
	72.	12/10/1998	WO 98/55609		WIPO				
	73.	03/11/1999	WO 99/11275		WIPO				_
	74.	05/14/1999	WO 99/22770		WIPO				
	75.	07/08/1999	WO 99/33488		WIPO				
	76.	07/08/1999	WO 99/33868		WIPO				
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NMM	78.	10/14/1999	WO 99/51259	WIPO				1
	79.	11/11/1999	WO 99/56755	WIPO				
	80.	11/18/1999	WO 99/58118	WIPO				
	81.	12/02/1999	WO 99/61056	WIPO				
	82.	12/09/1999	WO 99/62923	WIPO				
	83.	02/10/2000	WO 00/06588	WIPO				
-	84.	03/30/2000	WO 00/16804	WIPO				
	85.	04/20/2000	WO 00/21556	WIPO				
	86.	06/15/2000	WO 00/34231	WIPO				
	87.	06/15/2000	WO 00/34296	WIPO				
	88.	09/21/2000	WO 00/54803	WIPO				
	89.	10/19/2000	WO 00/61151	WIPO				
	90.	11/09/2000	WO 00/67023	WIPO				
	91.	11/16/2000	WO 00/67787	WIPO				
	92.	12/14/2000	WO 00/75105	WIPO				
	93.	02/22/2001	WO 01/12223	WIPO				
	94.	02/22/2001	WO 01/12804	WIPO				
	95.	03/08/2001	WO 01/15726	WIPO				
$\neg$	96.	04/05/2001	WO 01/22972	WIPO				
	97.	04/05/2001	WO 01/22990	WIPO				
	98.	05/25/2001	WO 01/35991	WIPO				
	99.	06/28/2001	WO 01/45750	WIPO				
	100.	07/19/2001	WO 01/51500	WIPO				
	101.	08/02/2001	WO 01/54720	WIPO				
	102.	08/02/2001	WO 01/55341	WIPO				
	103.	08/02/2001	WO 01/55370	WIPO				
	104.	08/30/2001	WO 01/62207	WIPO				
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	107.	09/20/2001	WO 01/68103	WIPO				
	108.	09/20/2001	WO 01/68116	WIPO				
	109.	09/20/2001	WO 01/68117	WIPO				
	110.	09/20/2001	WO 01/68143	WIPO			<u> </u>	
	111.	09/20/2001	WO 01/68144	WIPO				
	112.	10/04/2001	WO 01/72123	WIPO				
	113.	10/18/2001	WO 01/76642	WIPO				
	114.	11/08/2001	WO 01/83503	WIPO				
	115.	12/13/2001	WO 01/93902	WIPO				
	116.	02/07/2002	WO 02/09766	WIPO				
	117.	04/04/2002	WO 02/26757	WIPO				
	118.	04/04/2002	WO 02/27315	WIPO				
	119.	07/04/2002	WO 02/052002	WIPO				
	120.	09/06/2002	WO 02/069369	WIPO				
	121.	09/26/2002	WO 02/074922	WIPO				
	122.	05/01/2003	WO 03/035836	WIPO				
V	123.	07/17/2003	WO 03/057822	WIPO	V	$\mathbf{V}$		
	Ref. No.	Title						
NMM	124.	Agrawal, S.ar Labels to the	nd Kandimalla, E.R. et a 5' ends of Synthetic Oli	l. (1986). "Efficie godeoxyribonucle	nt Methods for otides," Nuclei	Attaching c Acids Res	Non-Radioa : 14(15):622	ective 27-6245.
NMM	125.	, ,	nd Kandimalla, E.R. (20 er Drug Target 1(3):19	,	nd/or Immunos	timulatory	Oligonucleo	otide,"
NMM	126.	, ,	2002). "Medicinal Chemedicine 8(3):114-121.	nistry and Therape	eutic Potential o	f CpG DN.	A," Trends I	In
NMM	127.	Ahmeida, E.T.S. Ben et al. (1993). "Immunopotentiation of Local and Systemic Humoral Immune Responses by ISCOMs, Liposomes and FCA: Role in Protection Against Influenza A in Mice," Vaccine 11(13):1302-1309.						
EXAM	NER:	/N. M. Minni	Field/ (07/19/2006)	DATE COI	NSIDERED: 0	7/19/2006		
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DEC. A	8 2003	الع		Mailing Date December 3, 2003			
& TRAC	PARAPIX	<i></i>					
	MM	128.	Altmann, S. et al. (1995). "NMR Studi Synthetic Linkers," <i>Nucleic Acids Res.</i>		ss-Linked by Different		
N	1MM	129	Aramaki, Yukihito et al. (1995). "Inter <i>Vaccine</i> 13(18):1809-1814.	feron-γ Inductive Effect of Lipo	somes as an Immunoadjuvant,"		
1	MMM	130.	Asanuma, H. et al. (1995). "Cross-Proby Combined Nasal-Subcutaneous Ad				
1	NMM	131.		Asensio, J. L. et al. (1998). "Comparison of the Solution Structures of Intramolecular DNA Triple Helices Containing Adjacent and Non-Adjacent CG-C <sup>+</sup> Triplets," <i>Nucleic Acids Res.</i> 26(16):3677-3686.			
1	MM	132.		Atherton, E. et al. (July 1981). "Synthesis of a 21-Residue Fragment of Human Proinsulin by the Polyamide Solid Phase Method," Hoppe-Seylers Z. Physiol. Chem. 362:833-839.			
1	NIMM	133.	Ballas, Z. K. et al. (1996). "Induction of NK Activity in Murine and Human Cells by CpG Motifs in Oligodeoxynucleotides and Bacterial DNA," <i>J. Immunol</i> . 157:1840-1845.				
N	пмм	134.		Bartley, J. P. et al. (1997). "Solution Conformation of an Intramolecular DNA Triplex Containing a Nonnucleotide Linker: Comparison with the DNA Duplex," <i>Biochemistry</i> 36(47):14502-14511.			
N	мм	135.		Beaucage, S. L. (1993). "Oligodeoxyribonucleotide Synthesis," Chapter 3 In Protocols for Oligonucleotides and Analogs, Synthesis and Properties, Sudhir Agrawal, ed., Humana Press, Totowa, NJ., 20:33-61.			
1	NMM	136.	Benoit, R. et al. (1987). "Peptides. Stra Neuromethods, Alan A. Boulton et al.,				
N	MM	137.	Bhagat, L. et al. (2003). "CpG Penta an Agents," Biochem. and Biophy. Res. C		Potent Immunomodulatory		
NM	м	138.	Bischoff, R. et al. (1987). "Introduction Oligonucleotides for Selective Immobi				
NM	M	139.	Blanks, R. and McLaughlin, L.W. (198 Isolation of Sequence Specific DNA B				
NI	MIM	140.		Bohle, B. et al. (1999). "Oligodeoxynucleotides Containing CpG Motifs Induce IL-12, IL-18, and IFN-γ Production in Cells from Allergic Individuals and Inhibit IgE Synthesis In Vitro," Eur. J.			
NI	MM	141.	Borel, H. and Borel, Y. (1990). "A Nor Gammaglobulin to Construct Toleroge				
NM	DM	142.	Borel, Y. et al. (1995). "Food Allergen 107:264-267	Borel, Y. et al. (1995). "Food Allergens Transformed Into Tolerogens," Int. Arch. Allergy Immunol.			
N	MM	143.	Borel, Y. et al. (1996). "Parenteral and Oral Administration of Tolerogens: Protein-IgG Conjugates," Volume 778 In Oral Tolerance: Mechanisms and Applications Ann. N.Y. Acad. Sci. pp. 80-87.				
	XAMII		/N. M. Minnifield/ (07/19/2006)	<del></del>	7/19/2006		
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	r s		Mailing Date December 3, 2003			
The Mary Market	di j	·				
NMM	144.	Leydig Tumor Cells by a Cholesterol-I	Boujard, N. et al. (June 1993). "Inhibition of Hormone-Stimulated Steroidogenesis in Cultured Leydig Tumor Cells by a Cholesterol-Linked Phosphorothioate Oligodeoxynucleotide Antisense to Diazepam-Binding Inhibitor," <i>P NAS USA</i> 90:5728-5731.			
NMM	145.	Bousquet, Y. et al. (1999). "Molecular Serum Albumin) on Poly(Methylidene				
NMM	146.	Branda, R. F. et al. (1993). "Immune S rev Gene of HIV-1," Biochem. Pharma		gomer Complementary to the		
NMM	147.	Branda, R. F. et al. (1996). "Amplificate Oligodeoxynucleotides," J. Lab. Clin.		Phosphorothioate		
NMM	148.	Braun, R. P. and Lee, J. S. (1988). "Immunol. 141(6):2084-2089.	munogenic Duplex Nucleic Aci	ds are Nuclease Resistant," J.		
NMM	149.	Brazolot-Milan, C. L. et al. (1998). "CpG DNA Can Induce Strong Th1 Humoral and Cell-Mediated Immune Responses Against Hepatitis B Surface Antigen in Young Mice," P NAS USA 95:15553-15558.				
. NMM	150.	Breiteneder, H. et al. (1989). "The Gene Coding for the Major Birch Pollen Allergen Betvl, is Highly Homologous to a Pea Disease Resistance Response Gene," EMBO J. 8(7):1935-1938.				
NMM	151.	Broide, D. et al. (1998). "Immunostimulatory DNA Sequences Inhibit IL-5, Eosinophilic Inflammation, and Airway Hyperresponsiveness in Mice," J. Immunol. 161:7054-7062.				
NMM	152.	Broide, D. and Raz, E. (1999). "DNA-H 118:453-456.	Based Immunization for Asthma	," Int. Arch. Allergy Immunol.		
NMM	153.	Carson, D. A. and Raz, E. (1997). "Olig Vaccination," <i>J. Exp. Med.</i> 186(10):162		elper 1 (Th1)-Specific		
NMM	154.	Chace, J. H. et al. (1997). "Bacterial Di Macrophage Secretion of IL-12," Clin.				
NMM	155.	Chaturvedi, S. et al. (1996). "Stabilization of Triple-Stranded Oligonucleotide Complexes: Use of Probes Containing Alternating Phosphodiester and Stereo-Uniform Cationic Phosphoramidate Linkages," Nucleic Acids Res. 24(12):2318-2323.				
NMM	156.	Chavany, C. et al. (1992). "Polyalkylcy Oligonucleotides," <i>Pharm. Res.</i> 9(4):44		lymeric Carriers for Antisense		
NMM	157.	Chavany, C. et al. (1994). "Adsorption Nanoparticles Protects Them Against N 11(9):1370-1378.				
NMM	158.	Chem Genes Corporation Bio Technology Products & Manufacturer of DNA-RNA Intermediates Section 10: Chromophores and Ligands				
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per o e zona i	20		Mailing Date December 3, 2003			
DADPARK OF						
NMM	159.	Chen, Z. et al. (1999). "Enhanced Prot Immunization with Both Hemagglutin 659.				
NMM	160.		Cho, H. J. et al. (May 2000). "Immunostimulatory DNA-Based Vaccines Induce Cytotoxic Lymphocyte Activity by a T-Helper Cell-Independent Mechanism," <i>Nature Biotechnol</i> . 18:509-514.			
	161.	Chu, R. S. et al. (November 1997). "Cl Helper 1 (Th1) Immunity," J. Exp. Me		s Adjuvants that Switch on T		
NMM	162.	Cload, S. T. and Schepartz, A. (1991). Soc. 113(16):6324-6326.	"Polyether Tetherd Oligonucleot	ide Probes," J. Am. Chem.		
NMM	163.	Coligan, J. E. et al., eds. (1998). <u>Current Protocols in Immunology</u> , Volume 1, John Wiley & Sons, Inc. pp. 1-9				
NMM	164.	Connolly, B. A. (1985). "Chemical Synthesis of Oligonucleotides Containing a Free Sulphydryl Group and Subsequent Attachment of Thiol Specific Probes," <i>Nucleic Acids Res.</i> 13(12):4485-4502.				
NMM	165.	Connolly, B. A. (1987). "The Synthesis of Oligonucleotides Containing a Primary Amino Group at the 5'-Terminus," <i>Nucleic Acids Res.</i> 15(7):3131-3139.				
NMM	166.	Corey, D. R. and Schultz, P. G. (December 1987). "Generation of a Hybrid Sequence-Specific Single-Stranded Deoxyribonuclease," <i>Science</i> 238:1401-1403.				
NMM	167.	Cowdery, J. S. et al. (1996). "Bacterial Increases the Toxicity of Lipopolysacc				
NMM	168.	Dagneaux, C. et al. (1996). "Parallel ar Acids. Res. 24(22):4506-4512.	nd Antiparallel A.A-T Intramole	cular Triple Helices," Nucleic		
имм	169.	de Martino, M. et al. (August 1999). "I Advanced Human Immunodeficiency V Allergy, Asthma & Immunol. 83:160-16	Virus-Type 1 Infection and Eleva			
NMM	170.	Douglas, S. J. et al. (1987). "Nanoparti 3(3):233-261.	cles in Drug Delivery," Crit. Rev	Ther. Drug. Carrier Syst.		
NMM	171.	Dumas, V. et al. (1995). "Induction of Conjugates is Associated with Decreas 128.				
NMM	172.	Durand, M. et al. (1990). "Circular Dic Hairpin Loop Made of a Hexaethylene 18(21):6353-6359.				
NMM	Elkins, K. L. et al. (1999). "Bacterial DNA Containing CpG Motifs Stimulates Lymphocyte-Dependent Protection of Mice Against Lethal Infection with Intracellular Bacteria," J. Immunol. 162:2291-2298.					
EXAMI	NER:	/N. M. Minnifield/ (07/19/2006)	DATE CONSIDERED:	7/19/2006		
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PADEL MERITAGE						
NMM	174.	Fornadley, J. (1998). "Allergy Immu	motherapy," Otolaryngol. Clin.	North Am. 31(1):111-127.		
NMM NMM	175.	Isolation and X-ray Crystal Structure	Gais, H-J. et al. (1991). "Structure of a Free, Unassociated Alkyl-Substituted α-Sulfonyl Carbanion: Isolation and X-ray Crystal Structure Analysis of the Inclusive Lithium Ctyptate (Me <sub>2</sub> CSO <sub>2</sub> Ph) (Li[2.1.1]cryptand)," J. Am. Chem. Soc. 113:4002-4003.			
NMM	176.	Gall, J. G. and Pardue, M. L. (1969). Cytological Preparations," PNAS US		NA-DNA Hybrid Molecules in		
NMM	177.	Gamper, H. B. et al., (1993). "Facile Preparation of Nuclease Resistant 3' Modified Oligodeoxynucleotides," <i>Nucleic Acids Research</i> 21(1):145-150.				
NMM	178.	Gao, H. et al. (1995). "Circularization of Oligonucleotides by Disulfide Bridge Formation," Nucleic Acids Res. 23(11):2025-2029.				
NMM	179.	Geoghegan, K. F. and Stroh, J. G. (1992). "Site-Directed Conjugation of Nonpeptide Groups to Peptides and Proteins Via Periodate Oxidation of a 2-Amino Alcohol. Application to Modification at N-Terminal Serine," <i>Bioconjug. Chem.</i> 3(2):138-146.				
NMM	180.	Glenn Research Products For DNA R 1) and pages 27-29.	esearch. "5'-OR 3'-Modifiers"	Catalog Table of Contents (page		
NMM	181.	Glen Research, 2000 Catalog, "Space of Content, pages 35-36.	T Modifiers, Dendrimers" locat	ed at <www.glenres.com>, Table</www.glenres.com>		
NMM	182.	Gnanou, Y. et al. (1988). "Synthesis of 189:2885-2892.	of Star-Shaped Poly(ethylene o	xide)," Makromol Chem.		
NMM	183.	Godard, G. et al. (1995). "Antisense E Associated with Poly(Alkylcyanoacry				
ими	184.	Goodchild, J. (May/June1990). "Conj Review of Their Synthesis and Proper				
NMM	185.	Govorkova, E. A. and Smirnov, Y. A. Influenza A (H2) Strains and Challeng 257.				
NMM	186.	Grabarek, Z. and Gergely, J. (1990). "Zero-Length Crosslinking Procedure with the Use of Active Esters," Anal. Biochem. 185:131-135.				
NMM	187.	Gramzinski, R. A. et al. (February 1998). "Immune Response to a Hepatitis B DNA Vaccine in <i>Aotus</i> Monkeys: A Comparison of Vaccine Formulation, Route, and Method of Administration," <i>Mol. Med.</i> 4:109-118.				
NMM	188.	Granoff, D. M. et al. (1993). "Effect of Immunity to the Carrier Protein on Antibody Responses to Haemophilus Influenzae Type B Conjugate Vaccines," Vaccine 11: Suppl.1:46-51.				

**EXAMINER:** /N. M. Minnifield/ (07/19/2006) DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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Form PTC	0-1449		Docket Number 377882002021	Application Number 10/623,371	
INFO	RMAT	ION DISCLOSURE CITATION	Applicant		
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DEC 0 8 2003	6		Mailing Date December 3, 2003		
& MADENARY C					
NMM	189.	Hagiwara, A. and Takahashi, T. et al. ( Activated Carbon Particles Adsorbing			
NMM	190.	Haralambidis, J. et al. (1990b). "The Preparation of Polyamide-Oligonucleotide Probes Containing Multiple Non-Radioactive Labels," <i>Nucleic Acids Res.</i> 18(3):501-505.			
NMM	191.	Haralambidis, J. et al. (1990a). "The S Nucleic Acids Res. 18(3):493-499.	ynthesis of Polyamide-Oligonuc	leotide Conjugate Molecules,"	
NMM	192.	Hartmann, G. et al. (2000). "Delineation Activating Primate Immune Responsed			
NMM	193.	Hendry, P et al. (1994). "Using Linkers to Investigate the Spatial Separation of the Conserved Nucleotides A <sub>9</sub> and G <sub>12</sub> in the Hammerhead Ribozyme," <i>Biochimica et Biophysica Acta</i> 1219:405-412.			
NMM	194.	Horner, A. A. et al. (1998). "Immunostimulatory DNA is a Potent Mucosal Adjuvant," Cell. Immunol. 190:77-82.			
NMM	195.	Inman, J. K. (February 1975). "Thymus-Independent Antigens: The Preparation of Covalent, Hapten-Ficoll Conjugates," J. Immunol. 114(2,Part 1):704-709.			
NMM	196.	Iyer, R. P. et al. (1990). "The Automated Synthesis of Sulfar-Containing Oligodeoxyribonucleotides Using 3 H-1,2-Benxodtihiol-3-one 1,1-Dioxide as a Sulfur-Transfer Reagent," J. Org. Chem. 55(15):4693-4699.			
NMM	197.	Jäger, A. et al. (1988). "Oligonucleotid Polynucleotides," <i>Biochem</i> . 27(19):723		nthesis and Binding to	
NMM	198.	Jakob, T. et al. (1998). "Activation of Oligodeoxynucleotides: A Role for De Immunostimulatory DNA," J. Immuno.	ndritic Cells in the Augmentation		
NMM	199.	Jäschke, A. et al. (1993). "Automated I Oligonucleotides," Tetraheddron Lette		ycol into Synthetic	
NMM	200.	Kandimalla, E. R.et al. (2001). "Effect Motif of Oligonucleotides: Structure-Ir Chem. 9:807-813.	of Chemical Modifications of Communostimulatory Activity Rela	ytosine and Guanine in a CpG- tionships," <i>Bioorg. Med.</i>	
NMM	201.	Kandimalla, E. R. et al. (2002). "Conju Immunostimulatory Activity," <i>Bioconj</i>		of CpG DNA Affects	
NMM	202.	Kandimalla, E. R. (2002). "Towards O Oligonucleotides," Curr. Opin. Mol. 2		ation Immunodulatory	
NMM	<ul> <li>Kandimalla, E. R. et al. (2003). "Divergent Synthetic Nucleotide Motif Recognition Pattern: Design and Development of Potent Immunomodulatory Oligodeoxyribonucleotide Agents With Distinct Cytokine Induction Profiles," Nucleic Acids Research 31(9):2393-2400.</li> </ul>				
EXAMII	EXAMINER: /N. M. Minnifield/ (07/19/2006) DATE CONSIDERED: 07/19/2006				
		al if citation considered, whether or not the citation to considered. Include a copy of this form with no		ne through the citation if not in	

Form PT	Form PTO-1449		Docket Number 377882002021	Application Number 10/623,371		
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		Ise several sheets if necessary)	Filing Date July 18, 2003	Group Art Unit 1645		
DEC 0. 8 SOUR	60		Mailing Date December 3, 2003			
& MADRAINEN						
NMM	204.	Kandimalla, E. R. et al. (2003). "Secon Immunostimulatory Activity," Biochem				
ИМИ	205.	Kataoka, T. et al. (1992). "Antitumor AcDNA Encoding Proteins of Mycobacu				
ими	206.	Kessler, C. (December 1992). "Nonrac Nonisotopic DNA Probe Techniques, l				
NMM	207.	Kikuta, K. et al. (1990). "Cross-Protec Inoculation of the HA Vaccines Comb				
NMM	208.	Kimura, Y. et al. (1994). "Binding of Oligonucleotides to Augment NK Cell				
NMM	209.	Kline, J. N. et al. (March 1997). "Immune Redirection by CpG Oligonucleotides Conversion of a Th2 Response to a Th1 Response in a Murine Model of Asthma," J. Invest. Med. 45(3):282A.				
NMM	210.	Klinman, D. M. et al. (April 1996). "CpG Motifs Present in Bacterial DNA Rapidly Induce Lymphocytes to Secrete Interleukin 6, Interleukin 12, and Interferon γ," PNAS USA 93:2879-2883.				
- NMM	211.	Klinman, D. M. et al. (1997). "Contribution of CpG Motifs to the Immunogenicity of DNA Vaccines," J. Immunol. 158:3635-3639.				
· NMM	212.	Kodihalli, S. et al. (May 1997). "Cross-Protection Among Lethal H5N2 Influenza Viruses Induced by DNA Vaccine to the Hemagglutinin," J. Virol. 71(5):3391-3396.				
NMM	213.	Kovarik, J. et al. (1999). "CpG Oligod Neonatal Responses to Vaccines But M Neonatal Priming," J. Immunol. 162:10	1 Aay Fail to Fully Redirect Th2 R			
ММИ	214.	Kremsky, J. N. et al. (1987). "Immobil or Carboxylic Acid Group at the 5' Ter				
NMM	215.	Krieg, A. M. et al. (October 1989). "A of Lymphocyte Activation," J. Immuno		Sequences in the Regulation		
NMM	216.	Krieg, A. M. et al. (April 1995). "CpG Nature 374:546-549.	Motifs in Bacterial DNA Trigge	r Direct B-Cell Activation,"		
ŅММ	217.	Krieg, A. M. (February 1996). "Lymph DNA," Trends Microbiol. 4(2):73-77.	nocyte Activation by CpG Dinuc	leotide Motifs in Prokaryotic		
NMM	218.	Krieg, A. M. et al. (1996). "Oligodeoxy Stimulation by CpG Motifs," Antisense				
MMM	219.	Krieg, A. M. (1998). "Leukocyte Stimulation by Oligodeoxynucleotides," Chapter 24 In Applied Antisense Oligonucleotide Technology, C.A. Stein and Arthur M. Krieg, eds., Wiley-Liss, Inc.: pp. 431-448.				
			DATE CONCIDEDED.			
EXAMI	NER:	/N. M. Minnifield/ (07/19/2006)	DATE CONSIDERED:	07/19/2006		
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Form PTO-1449  INFORMATION DISCLOSURE CITATION  IN AN APPLICATION		ION DISCLOSLIBE CITATION	Applicant	
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100	\ n	se several sheets if necessary)	Filing Date July 18, 2003	Group Art Unit 1645
A AMB	1		Mailing Date December 3, 2003	•
بب	1			
PADEWARTH SEE	220.	Krieg, A. M. et al. (January 1998a). "The Role of CpG Dinucleotides in DNA Vaccines," Trends Microbiol. 6(1):23-27.		
NMM	221.	Krieg, A. M. et al. (1998b). "CpG DN to Listeria Monocytogenes Challenge		
	222.	Krieg, A. M. et al. (October 1998c). " by Stimulatory CpG Motifs," PNAS	Sequence Motifs in Adenovira	<del></del>
NMM NMM	223.	Krieg, A. M. (February 1999). "CpG 65.		ator," Trends Microbiol. 7(2):64-
NMM	224.	Lambert, G. et al. (1998). "Effect of Polyisobutylcyanoacrylate Nanoparticles and Lipofectin® Loaded with Oligonucleotides on Cell Viability and PKCα Neosynthesis in HepG2 Cells," <i>Biochimie</i> 80:969-976.		
NMM	225.	Langenberg, A. G. M. (June 1995). "A Recombinant Glycoprotein Vaccine for Herpes Simplex Type 2: Safety and Efficacy," <i>Ann. Intern. Med.</i> 122(12):889-898.		
NMM	226.	Latimer, L. J. P. et al. (1995). "Specificity of Monoclonal Antibodies Produced Against Phosphorothioate and Ribo Modified DNAs," <i>Mol. Immunol.</i> 32(14/15):1057-1064.		
NMM	227.	Lea, I. A. et al., (1996). "Cloning and Sequencing of cDNAs Encoding the Human Sperm Protein, Sp17," Biochim. et Biophys. Acta 1307:263-266.		
NMM	228.	Leclerc, C. et al. (1997). "The Preferential Induction of a Th1 Immune Response by DNA-Based Immunization is Mediated by the Immunostimulatory Effect of Plasmid DNA," Cell. Immunol. 179:97-106.		
NMM	229.	Lee, A. C. J. et al. (1980). "A Method for Preparing B-hCG COOH Peptide-Carrier Conjugates of Predictable Composition," Mol. Immunol. 17:749-756.		
ими	230.	Lee, S. W. et al. (October 2000). "Effects of a Hexameric Deoxyriboguanosine Run Conjugation into CpG Oligodeoxynucleotides on Their Immunostimulatory Potentials," J. Immunol. 165(7):3631-3639		
NMM	231.	Li, S.F.Y.ed. (1992). "Electrolyte Systems" Chapter 5 In Capillary Electrophoresis, Principles and Practice and Application. Elsevier Science Publishers, Amsterdxam, The Netherlands, pp. 201-206.		
NMM	232.	Liang, H. et al. (1996). "Activation of Human B Cells by Phosphorothioate Oligodeoxynucleotides," J. Clin. Invest. 98(5):1119-1129.		
	233.	Lipford, G. B. et al. (1997a). "CpG-Containing Synthetic Oligonucleotides Promote B and Cytotoxic T Cell Responses to Protein Antigen: A New Class of Vaccine Adjuvants," Eur. J. Immunol. 27:2340-2344.		
NMM		2344.		

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

pa- 833912 PTO/SB/ 08 (2-92)

Form PTO-1449			Docket Number 377882002021	Application Number 10/623,371	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			Applicant  Karen L. FEARON et al.		
DISE.	(Use several sheets if necessary)		Filing Date July 18, 2003	Group Art Unit 1645	
NEC. 0: 8 2003.	C26		Mailing Date December 3, 2003		
<u> </u>	3				
TRADELEN	235.	Liu, H-M. et al. (1998). "Immunostimulatory CpG Oligodeoxynucleotides Enhance the Immune Response to Vaccine Strategies Involving Granulocyte-Macrophage Colony-Stimulating Factor," Blood 92(10):3730-3736.			
NMM	236.	Ma, M. Y-X. et al. (1993). "Design and Synthesis of RNA Miniduplexes via A Synthetic Linker Approach," <i>Biochemistry</i> 32(7):1751-1758.			
MMM	237.	Ma, M. Y-X. et al. (1993). "Design and Synthesis of RNA Miniduplexes Via A Synthetic Linker Approach.2. Generation of Covalently Closed, Double-Stranded Cyclic HIV-1 TAR RNA Analogs with High Tat-Binding Affinity," Nucleic Acids Res. 21(11):2585-2589.			
ММИ	238.	Macfarlane, D. E. et al. (1997). "Unmethylated CpG-Containing Oligodeoxynucleotides Inhibit Apoptosis in WEHI 231 B Lymphocytes Induced by Several Agents: Evidence for Blockade of Apoptosis at a Distal Signalling Step," <i>Immunology</i> 91:586-593.			
NMM.	239.	Manzel, L. and Macfarlane, D. E. (199) Oligodeoxynucleotide," Antisense Nuc		n by Immobilized CpG-	
NMM	240.	Martin-Orozco, E. et al. (1999). "Enhancement of Antigen-Presenting Cell Surface Molecules Involved in Cognate Interactions by Immunostimulatory DNA Sequences," <i>Int. Immunol.</i> 11(7):1111-1118.			
NIMM	241.	Matteucci, M. (1997). "Oligonucleotide Analogs: An Overview," In Oligonucleotides as Therapeutic Agents. D.J. Chadwick and G. Cardew, eds., John Wiley and Sons, New York, NY., pp. 5-18.			
NMM	242.	Mbawuike, I. N. et al. (1994). "Influenza: A Subtype Cross-Protection After Immunization of Outbred Mice with a Purified Chimeric NS <sub>1</sub> /HA <sub>2</sub> Influenza Virus Protein," Vaccine 12(14):1340-1348.			
NMM	243.	McCluskie, M. J. and Davis, H. L. (1998). "CpG DNA is a Potent Enhancer of Systemic and Mucosal Immune Responses Against Hepatitis B Surface Antigen with Intranasal Administration to Mice," J. Immunol. 161:4463-4466.			
NMM	244.	McCurdy, S. et al. (1991)."Deoxyoligo Triple-Helix Formation," Nucleosides			
NMM	245.	Miller, P. S. et al. (1971). "Syntheses and Phosphotriesters, the Neutral Analogs of			
NMM	246.	Mitragotri, S. et al. (August 1995). "Ultrasound-Mediated Transdermal Protein Delivery," Science 269:850-853.			
NMM	247.	Mojcik, C. F. et al. (May 1993). "Administration of a Phosphorothioate Oligonucleotide Antisense to Murine Endogenous Retroviral MCF Env Causes Immune Effects In Vivo in a Sequence-Specific Manner," Clin. Immunol. and Immunopathol. 67(2):130-136.			
NMM	248.	Moldoveanu, Z. et al. (1998). "CpG DNA, A Novel Immune Enhancer for Systemic and Mucosal Immunization with Influenza Virus," <i>Vaccine</i> 16(11/12):1216-1224.			
NMM	249.	Nelson, P. S. et al. (1989). "Bifunctional Support are able to Detect Single Base."			
EXAMI	EXAMINER: /N. M. Minnifield/ (07/19/2006) DATE CONSIDERED: 07/19/2006				
		al if citation considered, whether or not the citation to considered. Include a copy of this form with ne		ne through the citation if not in	
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DET 0 8 200	B &		Mailing Date December 3, 2003		
RADEANS	, de la companya de l				
NMM	250.	Nelson, J. S. et al. (1996). "Incorporation of a Non-Nucleotide Bridge into Hairpin Oligonucleotides Capable of High-Affinity Binding to the Rev Protein of HIV-1," <i>Biochemistry</i> 35(16):5339-5344.			
NMM	251.	Nelson, J. S. et al. (1997). "N3" → P5" Oligodeoxyribonucleotide Phosphoramidates: A New Method of Synthesis Based on a Phosphoramidite Amine-Exchange Reaction," J. Org. Chem. 62(21):7278-7287.			
NMM	252. ′	O'Shannessy, D. J. and Quarles, R. H. Oligosaccharide Moieties of Immunog			
NMM	253.	Ono, A. et al. (1991). "DNA Triplex For Groups and Octamer Segments That Hard Biochemistry 30(41):9914-9921.			
NMM	254.	Pertmer, T. M. et al. (September 1996). "Influenza Virus Nucleoprotein-Specific Immunoglobulin G Subclass and Cytokine Responses Elicited by DNA Vaccination are Dependent on the Route of Vector DNA Delivery," J. Virol. 70(9):6119-6125.			
NMM	255.	Peyrottes, S. et al. (1996). "Oligodeoxynucleoside Phosphoramidates (P-NH <sub>2</sub> ): Synthesis and Thermal Stability of Duplexes with DNA and RNA Targets," <i>Nucleic Acids Res.</i> 24(10):1841-1848.			
NMM	256.	Pichyangkul, S. et al. (January 2001). "Whole Blood Cultures to Assess the Immunostimulatory Activities of CpG Oligodeoxynucleotides," J. Immunol. Methods 247(1-2):83-94.			
NMM	257.	Pierce Enodogen Brands of QB Perbio, Bringing You the Best Life Science Tools for Protein Chemistry Immunology & Proteomics. 2001-2002 Catalog. pg-324-325 and 329.			
NMM	258.	Pils, W. and Micura, R. (May 2000). "Flexible Non-Nucleotide Linkers as Loop Replacements in Short Double Helical RNAs," <i>Nucleic Acids Res.</i> 28(9):1859-1863.			
NMM	259.	Pisetsky, D. S. and Reich, C. F. (1994). "Stimulation of Murine Lymphocyte Proliferation by a Phosphorothioate Oligonucleotide with Antisense Activity for Herpes Simplex Virus," <i>Life Sci.</i> 54(2):101-107.			
NMM	260.	Pisetsky, D. S. et al. (1995). "Immunological Properties of Bacterial DNA," Ann. N.Y. Acad. Sci. 772:152-163.			
NMM	261.	Pisetsky, D. S. (January 1996a). "The Immunologic Properties of DNA," J. Immunol. 156(2):421-423.			
NMM	262.	Pisetsky, D. S. (October 1996b). "Immune Activation by Bacterial DNA: A New Genetic Code," Immunity 5:303-310.			
NMM	263.	Raz, E. et al. (September 1994). "Intradermal Gene Immunization: The Possible Role of DNA Uptake in the Induction of Cellular Immunity to Viruses," PNAS USA 91:9519-9523.			
NMM	264.	Raz, E. et al. (May 1996). "Preferential Induction of a Th <sub>1</sub> Immune Response and Inhibition of Specific IgE Antibody Formation by Plasmid DNA Immunization," PNAS USA 93:5141-5145.			
EXAMI	VER:	/N. M. Minnifield/ (07/19/2006)	DATE CONSIDERED:	/19/2006	
		al if citation considered, whether or not the citation of considered. Include a copy of this form with ne		ne through the citation if not in	
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DEC 0 8 2003	C26		Mailing Date December 3, 2003	· · · · · · · · · · · · · · · · · · ·	
& TRADERANGE					
NMM	265.	265. Redford, T. W. et al. (1998). "Cyclosporin A Enhances IL-12 Production by CpG Motifs in Bacterial DNA and Synthetic Oligodeoxynucleotides," J. Immunol. 161:3930-3935.			
NMM	266.	Rein, D. et al. (1993). "New Developm Arms," Acta Polymer 44:225-229.	nents in Synthesis of Star Polymonents	ers with Poly(ethylene oxide)	
NMM	267.	Reynolds, M. A. et al. (1996). "Antiser Based Linker Promote Site-Specific C			
NMM	268.	Rhodes, A. J. and van Rooyen, C. E., eds. (1953). "Fundamental Characteristics and Technical Methods and Apparatus" In <u>Textbook of Virology for Students and Practioners of Medicine.</u> 2nd ed., Williams and Wilkins Company, Baltimore, MD. pp. 66-69.			
NMM	269.	Richardson, P. L. and Schepartz, A. (19) Recognition of Structured RNA," J. A.		Probes. A Strategy for the	
NMM	270.	Roget, A. et al. (1989). "Synthesis and Use of Labelled Nucleoside Phosphoramidite Building Blocks Bearing a Reporter Group: Biotinyl, Dinitrophenyl, Pyrenyl and Dansyl," <i>Nucleic Acids Res.</i> 17(19):7643-7651.			
NMM	271.	Romagnani, S. (July 2000). "T-Cell Subsets (Th1 versus Th2)," Ann. Allergy, Asthma, and Immunol. 85(1):9-18.			
NMM	272.	Roman, M. et al. (August 1997). "Immunostimulatory DNA Sequences Function as T Helper-1-Promoting Adjuvants," <i>Nature Med.</i> 3(8):849-854.			
NMM	273.	Ruth, J. L. (1991). "Oligodeoxynucleotides with Reporter Groups Attached to the Base," Chapter 11 In Oligonucleotides and Analogues: A Practical Approach, F. Eckstein, ed., IRL Press: pp. 255-282.			
NMM	274.	Salunkhe, M. et al. (1992). "Control of Folding and Binding of Oligonucleotides by Use of a Nonnucleotide Linker," J. Am. Chem. Soc. 114(23):8768-8772.			
NMM	275.	Sato, Y. et al. (July 1996). "Immunostimulatory DNA Sequences Necessary for Effective Intradermal Gene Immunization," Science 273:352-354.			
NMM	276.	Scaringe, S. A.et al. (1990). "Chemical Synthesis of Biologically Active Oligoribonucleotides Using B-Cyanoethyl Protected Ribonucleoside Phosphramidites," Nucleic Acids Res. 18(18):5433-5441.			
NMM	277.	Schacht, E. et al. (October 1996). "Biomedical Applications of Degradable Polyphosphazenes," Biotechnol. Bioeng. 52:102-108.			
NMM	278.	Scheerens, H. et al. (2001). "Characterzation of Chemokines and Chemokine Receptors in Two Murine Models of Inflammatory Bowel Disease: IL-10." Mice and Rag 2. Mice Reconstituted with CD4*CD45RB high T Cells," Eur. J. Immunolgy 31:1465-1474.			
NMM	279.	Scherle, P. A. and Gerhard, W. (October 1986). "Functional Analysis of Influenza Specific-Helper T Cell Clones In Vivo," J. Exp. Med. 164:1114-1128.			
EXAMI	NER:	N. M. Minnifield/ (07/19/2006)	DATE CONSIDERED:	7/19/2006	
	EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.				

Form PTO-1449			Docket Number 377882002021	Application Number 10/623,371	
INFORMATION DISCLOSURE CITATION			Applicant		
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DEC 0.8 300	ردة ا		Mailing Date December 3, 2003		
TRADEWAY	*				
NMM	280.	Scherle, P. A. and Gerhard, W. (June 1988). "Differential Ability of B Cells Specific for External vs. Internal Influenza Virus Proteins to Respond to Help from Influenza Virus-Specific T-cell Clones In Vivo," PNAS USA 85:4446-4450.			
ими	281.	Scheule, R. K. (November 2000). "The Therapy," Adv. Drug Deliv. Rev. 44(2-		ostimulation and Gene	
NMM	282.	Schroeder, U. et al. (1998). "Efficacy o Blood-Brain Barrier," <i>Peptides</i> 19(4):7		ticle Delivery Across the	
NMM	283.	Schultz, R. G. and Gryaznov, S. M. (Ju Phosphoramidates: Synthesis and Prope			
NMM	284.	Schwartz, D. A. et al. (1997). "CpG Mo Respiratory Tract," J. Clin. Invest. 100(		lammation in the Lower	
NMM	285.	Seela, F. and Kaiser, K. (1987). "Oligodeoxyribonucleotides Containing 1,3-Propanediol as Nucleoside Substitute," <i>Nucleic Acids Res.</i> 15(7):3113-3129.			
мми	286.	Shearwater Polymers, Inc. Catalog Polyethylene Glycol Derivatives (1997-1998). Functionalized Biocompatible Polymers for Research and Pharmaceuticals. Star PEGs and Branched PEGs. page 8.			
NMM	287.	Shimada, S. et al. (August 1986). "In Vivo Augmentation of Natural Killer Cell Activity with a Deoxyribonucleic Acid Fraction of BCG," Jpn. J. Cancer Res. 77:808-816.			
• NMM	288.	Sinha, N. D. and Striepeke, S. (1991). "Oligonucleotides with Reporter Groups Attached to the 5'- Terminus," Chapter 8 In Oligonucleotide Analogues: A Practical Approach, F. Eckstein, ed., IRL Press: pp. 185-210.			
NMM	289.	Sonehara, K. et al. (1996). "Hexamer Palindromic Oligonucleotides with 5'-CG-3' Motif(s) Induce Production of Interferon," J. Interferon and Cytokine Res. 16:799-803.			
NMM	290.	Sparwasser, T. et al. (1997). "Macrophages Sense Pathogens Via DNA Motifs: Induction of Tumor Necrosis Factor-α-Mediated Shock," Eur. J. Immunol. 27:1671-1679.			
NMM	291.	Spiegelberg, H.L. et al. (1998). "Inhibition of IgE Formation and Allergic Inflammation by Allergen Gene Immunization and by CpG Motif Immunostimulatory Oligodeoxynucleotides," <i>Allergy</i> 53:93-97.			
NMM	292.	Spiegelberg, H. L. et al. (1999). "Inhibition of Allergic Inflammation in the Lung by Plasmid DNA Allergen Immunization," <i>Pediatr. Pulmonol.</i> Suppl. 18:118-121.			
NMM	293.	Stacey, K. J. et al. (1996). "Macrophages Ingest and are Activated by Bacterial DNA," J. Immunol. 157:2116-2122.			
NMM	294.	Staros, J. V. et al. (1986). "Enhancement by N-Hydroxysulfosuccinimide of Water-Soluble Carbodiimide-Mediated Coupling Reactions," Anal. Biochem. 156:220-222.			
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EXAMI	IER:	/N. M. Minnifield/ (07/19/2006)	DATE CONSIDERED: 07/	19/2006	
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Form PTO-1449			Docket Number 377882002021	Application Number 10/623,371
INFORMATION DISCLOSURE CITATION IN AN APPLICATION			Applicant  Karen L. FEARON et al.	
5156	) (	Ise several sheets if necessary)	Filing Date July 18, 2003	Group Art Unit 1645
n n'a 2003	Cae		Mailing Date December 3, 2003	
	3			
RADEWAY!	295.	Stein, C. A. and Krieg, A. (1997). "Non-Antisense Effects of Oligodeoxynucleotides," Chapter 11 Antisense Technology, C. Lichtenstein and W. Nellen, eds., IRL Press: pp.241-264.		
NMM	296.	Stirchak, E. P. et al. (1989). "Uncharged Stereoregular Nucleic Acid Analogs: 2. Morpholino Nucleoside Oligomers with Carbamate Internucleoside Linkages," <i>Nucleic Acids Res.</i> 17(15):6129-6141.		
NMM	297.	Takahashi, H. et al. (April 1990). "Inc Purified HIV-1 Envelope Protein in Is		
NMM	298.	Tamura, S-I. et al. (1992). "Superior Cross-Protective Effect of Nasal Vaccination to Subcutaneous Inoculation with Influenza Hemagglutinin Vaccine," Eur. J. Immunol. 22:477-481.		
NMM	299.	Tamura, S-I. et al. (1994). "Formulation of Inactivated Influenza Vaccines for Providing Effective Cross-Protection by Intranasal Vaccination in Mice," <i>Vaccine</i> 12(4):310-316.		
NMM	300.	Tang, J-Y. et al. (2000). "Large-Scale Synthesis of Oligonucleotide Phosphorothiotes Usin 3-Amino-1,2,4-Dithiazole-Thione as an Efficient Sulfur-Transfer Reagent," Org. Process Res. Dev. 4(3):194-198.		
NMM	301.	Thomson, J. B. et al. (1993). "Activity of Hammerhead Ribozymes Containing Non-Nucleotidic Linkers," <i>Nucleic Acids Res.</i> 21(24):5600-5603.		
NMM	302.	Tokunaga, T. et al. (1992). "Synthetic Oligonucleotides with Particular Base Sequences from the cDNA Encoding Proteins of <i>Mycobacterium Bovis</i> BCG Induce Interferons and Activate Natural Killer Cells," <i>Microbiol. Immunol.</i> 36(1):55-66.		
NMM	303.	Tomalia, D. A et al. (1990). "Starburst Dendrimers: Molecular-Level Control of Size, Shape, Surface Chemistry, Topology, and Flexibility from Atoms to Macroscopic Matter," Angew Chem. Int. Ed. Engl. 29:138-175.		
NMM	304.	Tung, C-H. et al. (1991). "Preparation of Oligonucleotide-Peptide Conjugates," <i>Bioconjug. Chem.</i> 2:464-465.		
NMM	305.	Usman, N. et al. (1987). "Automated Chemical Synthesis of Long Oligoribonucleotides Using 2'-O-Silylated Ribonucleoside 3'-O-Phosphoramidites on Sequence Similar to the 3'-Half Molecule of an Escherichia Coli Formylmethionine tRNA," J. Am. Chem. Soc. 109(25):7845-7854.		
NMM	306.	Vailes, L. D. et al. (February 1998). "High-Level Expression of Cockroach Allergen, Bla g 4, in Pichia Pastoris," J. Allergy Clin. Immunol. 101(2 part 1):274-280.		
NMM	307.	Verthelyi, D. et al. (2001). "Human Peripheral Blood Cells Differentially Recognize and Respond to Two Distinct CpG Motifs," J. Immunol. 166(4):2372-2377.		
NMM	308.	Walker, P. S. et al. (June 1999). "Immunostimulatory Oligodeoxynucleotides Promote Protective Immunity and Provide Systemic Therapy for Leishmaniasis Via IL-12- and IFN-γ-Dependent Mechanisms," PNAS USA 96(12):6970-6975.		
EXAMI	NER:	N. M. Minnifield/ (07/19/2006)	DATE CONSIDERED:	07/19/2006
		al if citation considered, whether or not the citati ot considered. Include a copy of this form with r		a line through the citation if not in

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4	34		Mailing Date December 3, 2003		
RADBANA		<del>,</del>			
NMM	309.	Wang, S. and Kool, E. T. (1994). "Circ Properties, and a Comparison with Cir			
NMM	310.	Warner, B. D. et al. (1984). "Laborator the Automated Synthesis of Oligodeox			
NMM	311.	Watwe, R. M. and Bellare, J. R. (April Science 68(7):715-724.	1995). "Manufacture of Liposon	mes: A Review," Current	
NMM	312.	Weeratna, R. et al. (1998). "Reduction Coadministered Oligodeoxynucleotide			
NMM	313.	Weiner, G. J. et al. (September 1997). "Immunostimulatory Oligodeoxynucleotides Containing the CpG Motif are Effective as Immune Adjuvants in Tumor Antigen Immunization," PNAS USA 94:10833-10837.			
NMM	314.	Widhe, M. et al. (1998). "IgG Subclasses in Lyme Borreliosis: A Study of Specific IgG Subclass Distribution in an Interferon-γ-Predominated Disease," Scand. J. Immunol. 47:575-581.			
NMM •	315.	Williams, J. D. and Hall, K. B. (1996). "Thermodynamic Comparison of the Salt Dependence of Natural RNA Hairpins and RNA Hair[oms with Non-Nucleotide Spacers," <i>Biochemistry</i> 35(46):14665-14670.			
, NMM	316.	Wooldridge, J. E. et al. (April 1997). "Immunostimulatory Oligodeoxynucleotides Containing CpG Motifs Enhance the Efficacy of Monoclonal Antibody Therapy of Lymphoma," <i>Blood</i> 89(8):2994-2998.			
NMM	317.	Wyrzkiewicz, T. K. et al. (1994). "Efficiency of Sulfurization in the Synthesis of Oligodeoxyribonucleotide Phosphorothioates Utilizing Various Sulfurizing Reagents," Bioorg. & Med. Chem. Lett. 4(12):1519-1522.			
NMM	318.	Yamamoto, S. et al. (June 1992). "Unique Palindromic Sequences in Synthetic Oligonucleotides are Required to Induce INF and Augment INF-Mediated Natural Killer Activity," J. Immunol. 148(12):4072-4076.			
NMM	319.	Yamamoto, T. et al. (1994a). "Ability of Oligonucleotides with Certain Palindromes to Induce Interferon Production and Augment Natural Killer Cell Activity is Associated with Their Base Length," Anti. Res. and Develop. 4:119-122.			
NMM	320.	Yamamoto, T. et al. (1994b). "Synthetic Oligonucleotides with Certain Palindromes Stimulate Interferon Production of Human Peripheral Blood Lymphocytes In Vitro," Jpn. J. Cancer Res. 85:775-779.			
NMM	321.	Yamana, K. et al. (1999). "Synthesis of Oligonucleotides Containing a New Azobenzene Fragment with Efficient Photoisomerizability," <i>Bioorg. and Med. Chem.</i> 7:2977-2983.			
NMM	322.	Yanagawa, H. et al. (February 1988). "Analysis of Superhelical Structures of Nucleic Acid-Lipid Conjugates by Image Processing," Nucleic Acids Symp. Series 19:189-192.			
EXAMIN	IER:	/N. M. Minnifield/ (07/19/2006)	DATE CONSIDERED:	07/19/2006	
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Form PT	Form PTO-1449		Docket Number 377882002021	Application Number 10/623,371
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ر معرو	W.			
TRADELARINA NIMM	323.	Yi, A-K. and Krieg, A. M. (February 1998a). "CpG DNA Rescue from Anti-IgM-Induced WEHI-231 B Lymphoma Apoptosis Via Modulation of IκBα and IκBβ and Sustained Activation of Nuclear Factor-κB/c-Rel," J. Immunol. 160(3):1240-1245.		
NMM	324.	Yi, A-K. and Krieg, A. M. (1998d). "Rapid Induction of Mitogen-Activated Protein Kinases by Immune Stimulatory CpG DNA," J. Immunol. 161(9):4493-4497.		
NMM	325.	Yi, A-K. et al. (January 1996). "IFN-γ in Bacterial DNA and Oligodeoxynucl	leotides," J. Immunol. 156(2):558	8-564.
NMM	326.	Yi, A-K. et al.(1May 1998b). "CpG M Dependent Generation of Reactive Ox	ygen Species," J. Immunol. 160(	10):4755-4761.
NMM	327.	Yi, A-K. et al. (June 1998c). "CpG Oli Spontaneous Apoptosis and Promote C	Cell Cycle Entry," J. Immunol. 10	60(12):5898-5906.
ими	328.	Yu, D. et al. (2000). "Accessible 5'-End of CpG-Containing Phosphorothioate Oligodeoxynucleotides is Essential for Immunostimulatory Activity," <i>Bioorg. Med. Chem. Lett.</i> 10(23):2585-2588.		
NMM	329.	Yu, D. et al. (2003). "Requirement of Nucleobase Proximal to CpG Dinucloetide for Immunostimulatory Activity of Synthetic," Bioorg. Med. Chem. 11(3):459-464.		
NMM	330.	Yu, D. et al. (2002). "Potent CpG Oligonucleotides Containing Phosphodiester Linkages: In Vitro and In Vivo Immunostimulatory Properties," <i>Biochem and Biophy. Res. Comm.</i> 297(1):83-90.		
NMM	331.	Yu, D. et al. (2002). "'Immunomers' -Novel 3'-3' -Linked CpG Oligonucleotides as Potent Immunomodulatory Agents," <i>Nucleic Acids Res.</i> 30(20):4460-4469.		
NMM	332.	Yu, D. et al. (2002). "Design, Synthesis, and Immunostimulatory Properties of CpG DNAs Containing Alkyl-Linker Substitutions: Role of Nucleosides in the Flanking Sequences." J. of Med. Chem. 45(20):4540-4548.		
NMM	333.	Zhao, Q. et al. (1996). "Effect of Different Chemically Modified Oligodeoxynucleotides on Immune Stimulation," Biochem. Pharmacol. 51(2):173-182.		
NMM	334.	Zhao, Q. et al. (December 1999). "Site of Chemical Modifications in CpG Containing Phosphorothiaote Oligodeoxynucleotide Modulates its Immunostimulatory Activity," <i>Bioorg. Med. Chem. Lett.</i> 9(24):3453-3458.		
NMM	335.	Zimmermann, S. et al. (1998). "CpG Oligodeoxynucleotides Trigger Protective and Curative Th1 Responses in Lethal Murine Leishmaniasis," J. Immunol. 160(8):3627-3630.		
NMM	336.	Zon, G. (1993). "Oligonucleoside Phosphorothioates," Chapter 8 In Protocols for Oligonucleotides and Analogs, Synthesis and Properties, Sudhir Agrawal, ed., Humana Press, Totowa, NJ., pp.165-189.		
NMM	337.	Zuckermann, R. et al. (1987). "Efficien Ends of Synthetic Oligodeoxyribonucle		
<u> </u>				
EXAM	INER:	/N. M. Minnifield/ (07/19/2006)	DATE CONSIDERED:	/19/2006
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